

November 12, 2007

Docket No. EN9-98-141US2

Applicant: Sebesta, *et al.*

U.S. Patent Application Serial No. 09/526,957

U.S. Patent No. 6,900,545

Filed: March 16, 2000

Issued: May 31, 2005

Art Unit: 2827

Examiner: James Mitchell

Title: VARIABLE THICKNESS PADS ON A SUBSTRATE SURFACE

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Certificate of Correction Branch,  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

#### **REQUEST FOR A SECOND CERTIFICATE OF CORRECTION**

The first request for correction of this patent was partially denied (see pages 6 and 7)

A second request for correction was submitted February 1, 2006 (see pages 2-5). It was received by the U.S. Patent Office (see page 2, Patent and Trademark Office postmarked February 6, 2006). The Patent Office shows no record of this submission on the Private PAIR system.

This second request used the Examiner's Amendment of July 22, 2004 (page 3 of the Examiner's Amendment is attached as page 8) as the basis for making the non-approved changes. This second request is attached (pages 2-7).

September 18, 2007, a Certificate of Correction was issued but did not include the four changes in which the Examiner's Amendment changed "substrate" to "circuit line".

November 1, 2007, Mr. Whitehead, of the Certificate of Correction Branch, United States Patent Office, suggested we resubmit the request for a Certificate of Correction which was originally submitted February 1, 2006.

Additionally, we did not receive the Certificate of Correction issued September 18, 2007 (page 1).

Please issue a Certificate of Correction in which all of the changes requested are included (see page 4).

Thank you.

/Jack P. Friedman, Ph.D./  
Jack P. Friedman, Ph.D.  
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Customer No. 30449

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,900,545 B1  
APPLICATION NO. : 09/526957  
DATED : May 31, 2005  
INVENTOR(S) : Sebesta et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page; Item (56)

Under Foreign Patent Documents on page 1

Line 8, delete "100093215 A" and insert --10093215 A--

Column 10

Line 61, delete "and"

Column 11

Line 12, delete "and"

Column 12

Line 25, delete "and"

Signed and Sealed this

Eighteenth Day of September, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*

13MEND-7338

UTILITY DESIGN PATENT

Date: 2-1-06

(2 misc.)

Rec'd in the U.S. Patent &amp; Trademark Office on the date stamped hereon via

Certificate of Mail:

Case # END-98-141US2 S/N: 09/526, 997 Filed: 03-16-00Pat. # 6,900,545 B1 Issued: 05-31-2005Examiner: James Mitchell Art Unit: 2827

Batch: \_\_\_\_\_ Atty: \_\_\_\_\_

Applicant: Sebesta et al.Title: VARIABLE THICKNESS PADS ON A SUBSTRATE SURFACE☒ Transmittal Letter☐ Request for Filing Receipt Correction☐ Request for Reconsideration☐ Assignment Resubmission for Correction☒ Certificate of Correction☒ Copy of Response to Rule 312 Communication - 2 pages☒ Memo About enclosed Certificate of Correction☐☐

13MEND-7338

UTILITY DESIGN PATENT

Date: 2-1-06

(2 misc.)

Rec'd in the U.S. Patent &amp; Trademark Office on the date stamped hereon via

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Case # END-98-141US2 S/N: 09/526, 997 Filed: 03-16-00Pat. # 6,900,545 B1 Issued: 05-31-2005Examiner: James Mitchell Art Unit: 2827

Batch: \_\_\_\_\_ Atty: \_\_\_\_\_

Applicant: SebestaTitle: VARIABLE THICKNESS PADS ON A SUBSTRATE SURFACE☒ Transmittal Letter☐ Request for Filing Receipt Correction☐ Request for Reconsideration☐ Assignment Resubmission for Correction☒ Certificate of Correction☒ Copy of Response to Rule 312 Communication - 2 pages☒ Memo About enclosed Certificate of Correction☐☐

**TRANSMITTAL LETTER  
(General - Patent Issued)**

Docket No.  
EN9-98-141US2

Patentee(s): Sebesta et al.

U.S. Patent No.  
6,900,545 B1

Issue Date  
May 31, 2005

Title: **VARIABLE THICKNESS PADS ON A SUBSTRATE SURFACE**

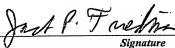
COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Certificate of Correction  
Copy of Response to Rule 312 Communication - 2 pages  
Memo About the Enclosed Request for a Certificate of Correction  
Post card

- ☒ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account **09-0457 (IBM)** as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
Signature

Jack P. Friedman, Ph.D.  
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Dated: 02-01-06

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

02-01-06  
(Date)

  
Signature of Person Mailing Correspondence

Betty Zuelsdorf

Typed or Printed Name of Person Mailing Correspondence

Customer No.: 30449

CC:

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,900,545 B1

DATED : May 31, 2005

INVENTOR(S) : Sebesta et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Under Foreign Patent Documents on page 1

Line 8, delete "100093215 A" and insert --10093215 A--

Column 10

Line 61, delete "and"

Lines 64 and 65, delete "substrate" and insert --circuit line--

Column 11

Line 12 delete "and"

Lines 16 and 18, delete "substrate" and insert --circuit line--

Column 12

Line 25, delete "and"

MAILING ADDRESS OF SENDER (Please do not use customer number)

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PATENT NO. 6,900,545 B1

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January 30, 2006

**MEMO ABOUT THE ENCLOSED REQUEST FOR A CERTIFICATE OF CORRECTION**

Patent No. 6,900,545 B1

Dated: May 31, 2005

The *Response to Rule 312 Communication* that applies to this request for a *Certificate of Correction* that was mailed to our firm January 10, 2006, is enclosed.

After communicating with Examiner Mitchell, January 25, 2006, he said we were correct in submitting the deletion of "substrate" and insertion of -- circuit line -- in four places in Columns 10 and 11 of the patent, even though the *Response to Rule 312 Communication* disapproved of the substitution.

The substitution is to be allowed because it had been introduced by the Examiner in the *Examiner's Amendment* that accompanied the *Notice of Allowance* mailed July 22, 2004.

The enclosed request for a *Certificate of Correction* includes the previously approved changes and also the changes now approved by Examiner Mitchell (January 25, 2006). This *Certificate of Correction* is to take the place of the previously submitted *Certificate of Correction*.

Thank you.

Jack Friedman, Ph.D.



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/526,937	03/16/2000	Robert David Sebesta	EN9-98-141	1611
5409	7590	01/10/2006	EXAMINER	
ARLEN L. OLSEN SCHMEISER, OLSEN & WATTS 3 LEAR JET LANE SUITE 201 LATHAM, NY 12110			MITCHELL, JAMES M	
			ART UNIT	PAPER NUMBER
			2813	
DATE MAILED: 01/10/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.



<b>Response to Rule 312 Communication</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/526,957	SEBESTA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	James M. Mitchell	2813	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

1. ☒ The amendment filed on 07 December 2005 under 37 CFR 1.312 has been considered, and has been:

a) ☐ entered.

b) ☐ entered as directed to matters of form not affecting the scope of the invention.


c) ☐ disapproved because the amendment was filed after the payment of the issue fee.

Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

d) ☐ disapproved. See explanation below.

e) ☒ entered in part. See explanation below.

*The amendments to the claims to delete the word "and" shall be entered. However, substitution of the word circuit line for substrate is disapproved, because it is not merely a formal matter, but changes the scope thereof. see MPEP 714.16*

  
 CARL WHITEHEAD, JR.  
 SUPERVISORY PATENT EXAMINER  
 TECHNOLOGY CENTER 2800



Claims

Cancel claims 7, 28-32, 35-36 and 39.

In claim 2, Lines 7, 9, 16 after "substrate," delete "and";

in Line 5 after "in a" insert -- first --;

in Line 8 after "substrate" insert --, wherein a width in a second-direction of the second portion of the first circuit line exceeds a width in the second-direction of the first portion of the first circuit line, wherein the second direction is oriented parallel to the surface of the substrate--; and

in Line 17 after "contact" insert --, and wherein a width in the second direction of the second portion of the second circuit line exceeds a width in the second direction of the first portion of the second circuit line;

an electronic assembly coupled to the first conductive pad; and  
an electronic carrier coupled to the second conductive pad--.

In claim 3, Line 16, after " substrate," delete "and" in line 17; and in Line 23 after "substrate," delete "and";

in Line 12 after "in" delete "a" and insert-- the--;

in Line 13 after "to" delete "a" and inset-- the--;

in Line 22 after "in" delete "a" and inert-- the--;

in Line 22 after "to" delete "a" and inert-- the--;

In Line 24 after "substrate," insert -- wherein the third circuit line physically touches the first circuit line in direct surface-to-surface contact, and wherein the third circuit line physically touches the second circuit line in direct surface-to-surface contact;

an electronic assembly coupled to the first conductive pad; and  
an electronic carrier coupled to the second conductive pad--.

In claim 9, Lines 2 and 4 after "ball" delete "coupled to " and insert -- coupling-- , and in Line 2 after "pad" insert -- to the electronic assembly; and--;

In Line 4 after "pad" delete "and an electronic carrier coupled to the second solder ball" and insert -- to the electronic carrier--;

In claim 12, Line 3 after "coating;" delete " an" in Line 4 and insert -- wherein the--;

Column 10:  
Lines 64, 65

Column 11:  
Lines 16+18